IN THE CLAIMS

Please cancel claim 14 without prejudice or disclaimer, and amend claims 1, 5 and 9, as follows:

1   1. (Currently Amended)   A system for transmitting a short message in an Internet

2   phone, comprising:

3   a gatekeeper for controlling setup of a call and at least one of a user registration

4   and a cancellation in the Internet phone, said Internet phone being optionally connected

5   with said gatekeeper, said Internet phone having a short message transmission module for

6   transmitting, via a predetermined port, the short message including information

7   corresponding to a telephone number of an Internet phone of a called party; and

8   a short message transmission server for receiving the short message transmitted by

9   the short message transmission module, and serving as a terminal registered in the

10   gatekeeper for transmitting, to the gatekeeper, the information corresponding to the

11   telephone number of the Internet phone of the called party as included in the short

12   message when the short message is transmitted via the predetermined port, so as to obtain

13   an Internet protocol (IP) address of the Internet phone of the called party, and for

14   transmitting the short message to the IP address of the Internet phone of the called party.

1   2. (Original)   The system for transmitting a short message according to claim 1,

2   wherein said short message transmission server transmits an admission request (ARQ)

3   message for registration admission and status (RAS) protocol to the gatekeeper with the

4   telephone number of the Internet phone of the called party included in the short message,

5   and then receives an admission confirm (ACF) message to obtain therefrom the Internet

6   protocol (IP) address of the Internet phone of the called party.

1   3. (Original)   The system for transmitting a short message according to claim 2,

2   wherein said short message includes a tag portion, the telephone number of the Internet

3   phone of the calling party, the telephone number of the Internet phone of the called party,

4   and information regarding a length of a main sentence of the short message.

1   4. (Original)   The system for transmitting a short message according to claim 1,

2   wherein said short message includes a tag portion, the telephone number of the Internet

3   phone of the calling party, the telephone number of the Internet phone of the called party,

4   and information regarding a length of a main sentence of the short message.

1   5. (Currently Amended)   A method for transmitting a short message in an

2   Internet phone, comprising the steps of:

3   providing a short message transmission server and a gatekeeper;

4   transmitting the short message, including a telephone number of an Internet phone

5   of the called party, from an Internet phone of the calling party to the short message

6   transmission server;

7   transmitting a call admission request message <u>from the short message transmission</u>

8   <u>server</u> to the gatekeeper with the telephone number of the Internet phone of the called

9   party included in the transmitted short message, and then receiving from the gatekeeper a

10   call admission confirm message including an Internet protocol (IP) address of the Internet

11   phone of the called party; and

12   transmitting the short message from the short message transmission server to the

13   Internet protocol (IP) address of the Internet phone of the called party.

1   6. (Original)   The method for transmitting a short message according to claim 5,

2   wherein both the Internet phone of the called party and the Internet phone of the calling

3   party, and the short message transmission server, communicate with each other via a

4   predetermined port.

1   7. (Original)   The method for transmitting a short message according to claim 6,

2   wherein said short message includes a tag portion, the telephone number of the Internet

3   phone of the calling party, the telephone number of the Internet phone of the called party,

4   and information regarding a length of a main sentence of the short message.

1   8. (Original)   The method for transmitting a short message according to claim 5,

2   wherein said short message includes a tag portion, the telephone number of the Internet

3   phone of the calling party, the telephone number of the Internet phone of the called party,

4   and information regarding a length of a main sentence of the short message.

1   9. (Currently Amended)   A system for transmitting a short message in an Internet

2   phone, comprising:

3   a gatekeeper for controlling setup of a call[[,]]: and

4   a short message transmission server connected to said gatekeeper;

5   said Internet phone ~~being connected with said gatekeeper, said Internet phone~~

6   transmitting, via a predetermined port to said short message transmission server, the short

7   message including information corresponding to a telephone number of an Internet phone

8   of a called party; and

9   [[a]] said short message transmission server [[for]] transmitting, to the gatekeeper,

10   the information corresponding to the telephone number of the Internet phone of the called

11   party as included in the short message when the short message is transmitted via the

12   predetermined port so as to obtain an Internet protocol (IP) address of the Internet phone

13   of the called party, and for transmitting the short message to the IP address of the Internet

14   phone of the called party;

15   wherein said Internet phone includes a short message transmission module for

16   transmitting the short message to the short message transmission server.

1   10. (Original)   The system for transmitting a short message according to claim 9,

2   wherein said short message transmission server transmits an admission request (ARQ)

3 message for registration admission and status (RAS) protocol to the gatekeeper with the

4 telephone number of the Internet phone of the called party included in the short message,

5 and then receives an admission confirm (ACF) message to obtain therefrom the Internet

6 protocol (IP) address of the Internet phone of the called party.

1   11. (Original) The system for transmitting a short message according to claim

2 10, wherein said short message includes a tag portion, the telephone number of the

3 Internet phone of the calling party, the telephone number of the Internet phone of the

4 called party, and information regarding a length of a main sentence of the short message.

1   12. (Original) The system for transmitting a short message according to claim 9,

2 wherein said short message includes a tag portion, the telephone number of the Internet

3 phone of the calling party, the telephone number of the Internet phone of the called party,

4 and information regarding a length of a main sentence of the short message.

1   13. (Original) The system for transmitting a short message according to claim 9,

2 wherein said gatekeeper controls at least one of a user registration and a cancellation in

3 the Internet phone.

Claim 14. (Canceled)

1   15. (Original)   The system for transmitting a short message according to claim 9,

2   wherein said short message transmission server serves as a terminal registered in the

3   gatekeeper.